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DESIGN NEW TYPE TRANSFORMERS; SAVE MATERIALS

NEW TRANSFORMER DESIGN SAVES METAL -- Moscow, Vechernyaya Moskva, 3 Oct 51

A group of engineering technical workers of the Electrical Machinery Plant of the Main Administration of Laboratory Instruments has reduced consumption of sheet steel in the production of automatic transformers for increasing line voltage. The ring-shaped cores of these transformers were formerly made by punching laminations out of transformer sheet steel, and about half the metal was wasted. Each core was composed of a great number of ring-shaped laminations put together with bakelite lacquer.

Plant designers have designed a new type of ring-shaped core. It is made from strips of sheet steel, with absolutely no waste of metal. The electrical properties of the cores are equal to those of the laminated ones.

Several original designs have been offered for tools for making the new cores.

PRODUCES NEW OIL TRANSFORMERS -- Vil'nyus, Sovetskaya Litva, 25 Oct 51

The Leningrad Electrical Machinery Plant has organized the mass production of modernized 10,000-volt transformers for the electrification of collective farms.

The new units differ from earlier ones in having a device for switching over to a lower voltage. They are more economical in operation.

The plant ships the new transformers to all parts of the country. The collective farms of the Ukraine alone have received more than 150 of them.

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TO CONSTRUCT 400,000-VOLT TRANSFORMERS -- Leningradskaya Pravda, 21 Oct 51

More than 1,000 units made by the Moscow Transformer Plant this year are being used by the construction projects.

Plant engineers and Stakhanovites are working on the intricate technical and production problems connected with the construction of 400,000-volt power units. Such transformers will be used by the Kuybyshev-Moscow electric power transmission line.

The huge control panel for the Tsimlyanskaya Hydroelectric Center is being fitted with automatic instruments at the assembly stand of the Moscow Dinamo Plant. This aggregate will completely mechanize the operation of the dam's fish-elevator.

The Moscow Dinamo Plant has completed ahead of time its yearly plan for delivering equipment to the Volga-Don project.

Moscow, Moskovskaya Pravda, 21 Oct 51

A model of the 400,000-volt transformer is now being produced in the shops of the Moscow Transformer Plant.

PLANS METAL CONSERVATION -- Moscow, Vechernyaya Moskva, 15 Oct 51

Workers of the Technical Division of the Moscow Transformer Plant have committed themselves to save annually at least 1,000 tons of metal and other valuable materials. New designs are being introduced and transformer assemblies and parts are being improved.

Among the brigades of the Technical Division, measures have already been developed and put into practice which assure an additional yearly saving of 200 tons of metal. Improvements are being completed which will decrease metal consumption an additional 450 tons annually.

YEREVAN PLANT DELIVERS 19 TRANSFORMERS -- Moscow, Trud, 4 Oct 51

The Yerevan Electrical Machine Building Plant has delivered 19 transformers to be used in the subsidiary enterprises and workers' settlements at the South Ukrainian Canal project.

SENDS OVER 4,000 UNITS TO CONSTRUCTION PROJECTS -- Leningradskaya Pravda, 7 Oct 51

The Leningrad Elektroapparat Plant has shipped over 4,000 high-quality units of equipment to the construction projects this year. These include shielded transformers, disconnecting switches, control devices, and power switches.

SHIPS TRANSFORMERS AHEAD OF SCHEDULE -- Moscow, Izvestiya, 11 Oct 51

The Zaporozh'ye Transformer Plant shipped two power transformers to the Volga-Don Canal project 2 months ahead of schedule.

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